



Media Advisory



October 6, 2008

For Immediate Release |

Contact: Mike Roddin
Mike.Roddin@us.army.mil
Release # 0830

TARDEC to Display Vehicles at Society of Automotive Engineers (SAE) Event

DETROIT ARSENAL, WARREN, MI — In a proactive effort to find partners to support technology focus areas, the U.S. Army Tank Automotive Research, Development and Engineering Center (TARDEC) National Automotive Center (NAC) will display two vehicles at the SAE 2008 Commercial Vehicle Engineering Congress and Exhibition Oct. 7-9 in Rosemont, IL.

The NAC serves as the Army focal point for developing dual-use automotive technologies and their application to military ground vehicles. TARDEC will feature a high-capacity, 6-wheeled, all-terrain vehicle (ATV) and Future Tactical Truck Systems (FTTS) Utility Vehicle (UV).

NAC works with industry to develop technologies using commercial off-the-shelf solutions. One such instance is the purpose-built ATV-type vehicle, which is designed as a cargo support vehicle in combat support and combat service support roles. This off-road-capable ATV fills the mission gap between Soldiers on foot and High Mobility Multipurpose Wheeled Vehicles.

FTTS is a NAC initiative that will consolidate the Army's various tactical trucks into a single family of vehicles. The fully integrated demonstrator UV has a payload of 3,400 pounds, hybrid-electric power train, adjustable height suspension, integral and appliqué armor, on-board crane and companion trailer with 5,500-pound payload. The vehicle uses four-wheel steering for excellent maneuverability, including driving sideways, has various weapons mounting systems and, most importantly, has enhanced ballistic and mine protection capabilities.

TARDEC and industry subject-matter experts will be available throughout the conference to answer questions about the NAC and TARDEC vehicles on display.

###

Note: There are two photos available for use with this release. Caption information follows. To download the photo, go to <http://www.tardec.info/pressreleases/>.



Media Advisory



TARDEC-PR-0830_FTTS.jpg

The FTTS NAC initiative will consolidate the U.S. Army's various tactical truck fleet into a single family of vehicles. The electric motor/generator offers "exportable" power to run additional equipment. (U.S. Army TARDEC photo.)

TARDEC-PR-0830_ATV.jpg

A high-capacity ATV is an off-the-shelf solution to help fill the mission gap between Soldiers on foot and much larger vehicles. The NAC works with industry to develop these technologies for military use. (Photo courtesy of ICRC®.)

TARDEC is the Nation's laboratory for advanced military ground systems and automotive technology. A leading technology integrator for the U.S. Army Materiel Command's Research Development and Engineering Command (RDECOM), TARDEC is headquartered at the Detroit Arsenal in Warren, MI, located in the heart of the world's automotive capitol. TARDEC is a major element of RDECOM and partner in the TACOM Life Cycle Management Command. As a full life-cycle engineering support provider-of-first-choice for all DOD ground combat and combat support weapons and vehicle systems, TARDEC develops and integrates the right technology solutions to improve Current Force effectiveness and provide superior capabilities for the Future Force. TARDEC's technical staff leads research in ground vehicle survivability; mobility/power and energy; robotics and intelligent systems; maneuver support and sustainment; and vehicle electronics and architecture. TARDEC develops and maintains ground vehicles for all U.S. Armed Forces and numerous federal agencies.

For additional information about TARDEC's forthcoming developments and other technologies, please contact Mike Roddin at mike.rodin@us.army.mil.